

Exciter

PROMOTING WORLDWIDE FRIENDSHIP



No. 343

December 1998

<http://rtpnet.org/~rars>

RARS Wins 8A!

Field Day results: RARS and Cary in top ten!

by Gary, KN4AQ

A Double-WHEEE! to RARS for making the Top Ten!! RARS is 8th in the nation in overall Field Day points for 1998, and winner of the 8A class!!

Congratulations to the Cary Amateur Radio Club on their win in the highly competitive 3A Field Day Class for 1998, and hitting the Top 10 box at number 9!

Field Day results were made available in PDF format on the ARRL members-only web site, before being published in the December **QST**. I don't know if it was due to heavy downloads of the Field Day results, but all day Friday, downloads from the ARRL site were sluggish. I finally left my computer downloading the half-meg file all night, and was rewarded by the news the next morning.

Cary Wins 3A! There were 358 entries in class 3A, but Cary's W4KX was far in the lead, with 13,424 points, almost 1000 points ahead of second place N2WM, the Sussex Co.(NJ) ARC. And that was also good enough to put Cary in the Top Ten box at 9th place, right behind RARS.

Eight is RARS' magic number. RARS only had 13 competitors in the 8A race, but the W4DW (+KE4OQO) winning score of 13,802 was more than 3000 points ahead of second place W9JZ's 10,658 for the Four Lakes (Wisconsin) ARC. That score also put RARS in the Top Ten box at number 8, just ahead of Cary.

Durham beats OCRA? Alas, the Orange County Radio Amateurs were unable to score a fourth consecutive win in the 5A Battery Class. W4EZ was beaten soundly

by the Durham Region QRP Club. Did I say DURHAM? Yes... VE3QDR in Durham, Ontario. OCRA placed second in the three-way contest. OUR Durham FM Assn. fellows were back in the 3A pack, well behind the boys and girls from Cary.

Here's that top 10 box:

Call, Score, Class

N1FD 26,274 26A

W3AO 19,366 4A

W2GD 18,912 4A

W4IY 18,834 9A

KK8M 18,650 19A Battery

K8XX 15,322 6A

K4BFT 13,830 5A

W4DW 13,802 8A RARS

W4KX 13,424 3A Cary ARC

W5NC 13,036 2A (evidently only made top-10 due to "NC" in callsign)

December Meeting

December's RARS meeting will be a dessert spread for your after dinner pleasure (i.e. we are not providing supper) Entertainment

"On the Town," a barbershop quartet, will entertain.

Santa is so busy this year he will be unable to make our event, but he sends his best and will be waiting for those wish lists to be mailed.

We will also be taking donations of dry goods to give to a local food bank - let's all share with others during the season of giving.

Scanner/SWL SIG Report

by Kelly, AE4FG

The November meeting of the Scanner/SWL SIG was held on the 16th at the El Rodeo restaurant on Pleasant Valley Road in Raleigh. The meeting was used to discuss and plan the Triangle Area Scanner Listeners Guide. We plan on making this guide a web page that will contain police, fire, and EMS information for the Triangle area. Tom McKee lead the discussion and eleven people attended.

Weekly Net: The Scanner/Short-wave Listening net has been suspended until the 146.64 repeater is back to normal.

Next Meeting: Please note that the December meeting will be held on the 14th

(second Monday) instead of the 21st at El Rodeo restaurant as listed above. The annual magazine swap, junk box drawing, and radio promotional items giveaway will take place at this meeting. Bring your old radio-related magazines and junk box items you would like to share with others. Everybody will get a chance to pickup something to read. We will meet upstairs for dinner at 6:30 and the meeting will start at 7:30.

Anyone is welcome to attend and you don't need to be an amateur radio operator to participate.

For more information, e-mail Bob Zeher (ke4jvy@juno.com) or Kelly Mills (ae4fg@juno.com), or call Bob at 481-9107.

THE EXCITER

Israel Pattison, N4ZVU
Editor

The EXCITER is published monthly by the Raleigh Amateur Radio Society, and is available to its members at no cost. Letters to the Editor, technical articles, items of interest to the amateur radio community and guest editorials are welcomed.

Articles published in the EXCITER do not necessarily represent the views of or carry the endorsement of the society. Articles are printed at the discretion of the editor. No article will be published unless it is accompanied by the name(s) of the person(s) submitting the article.

All submissions to the EXCITER must be submitted to the Editor by the third Tuesday of each month. Articles may be hand written, typed, stored in ASCII format, or submitted electronically, and may be received by the Editor or any society officer.

Amateur radio-related items for sale by the members of the society may be advertised without charge for one issue, but may be resubmitted as often as desired. Only non-commercial classified advertising will be printed in this manner.

Commercial advertisers may contact the EXCITER Editor for advertising rates and sizes. All proceeds from commercial advertising are donations to the society. Please do not use amateur radio as a means of transmitting commercial advertising information or material.

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PRESIDENT'S CORNER

by Gary, KN4AQ

Welcome New Officers

I'd like to welcome our new club officers, and thank our returning board members for signing up for another year of service. RARS gets a lot done because many of you are willing to put in effort in the club's behalf. See you all at the board meeting!

RARS and Cary Dominate Field Day

What a powerhouse block of ham radio activity! Congratulations to the Cary Amateur Radio Club for winning the 3A Class and landing in the Top Ten box at #9. And of course, congratulations to Mike Murphy WA4BPJ, the Band Captains, and all the operators and support people for putting RARS on top of the 8A class and hitting the #8 spot nationwide. Two clubs, side by side in the Top Ten! Must be something in the water in Wake County.

Exciter On The Web

We've had a good discussion on the RARS-L about putting the Exciter on the Web. Israel made the November issue available as a PDF file, and it stirred a lot of interest. We have NO plans to stop printing a paper Exciter, though someday that is sure to happen. But we may offer members an option of just receiving an electronic version.

The big question, though, is whether to let everyone see the Exciter on the web,

or just members? Would we gain members as others see what we're up to, or would we lose members who no longer need to pay dues to get the Exciter? Probably a little of both, I suspect, but I don't think anyone can say for sure. The board will decide, and there are some compromise alternatives available, like sending new Exciters only to members, but putting archive issues on the web for all to see.

I like the PDF format, because it "looks" more like the Exciter, and I can print it to make a real newsletter. But PDF can be a little harder to read on the computer screen, so others favor HTML format for a web version. That is up to the Editor, who has to do the work. Either way is OK.

Our sister club in Greenville, the Brightleaf ARC, has been publishing their newsletter on the web for over a year. The "Ham Chatter" is edited by a former RARS newsletter editor, Dave Langley W4YDY (Yaka-Dee-Yak). Dave still prints a paper issue, but some club members receive their copy on the web, in HTML format. Dave is able to add more pictures to the web version. You can check it out at <http://www.geocities.com/CapeCanaveral/4208>.

KN4AQ on HF?

My birthday in October (49 for those counting) was my excuse for acquiring a new HF rig - an Icom 756. That Funmobile visit last summer has been very expensive for me! I've been a ham for almost 34 years, but I've never been serious about HF. I've

Continued on Page 3...

To Become A Member of the Raleigh Amateur Radio Society...

The Raleigh Amateur Radio Society, Inc. (RARS), was founded in 1969 and continues to serve and support the Amateur Radio community in the Greater Triangle area.

The Objectives of the club are to promote worldwide friendship through Amateur Radio; to be of public service by providing radio communications in times of disaster, emergency, or civic need; to educate members in radio technique and to assist in obtaining amateur radio licenses.

All persons interested in amateur radio are eligible to apply for membership

to the club. Dues for regular licensed amateurs are \$18.00 per year (from July 1 through June 30). Additional immediate family members pay \$5.00 each per year. Dues for licensed amateurs older than 59 or younger than 16 are \$12.00 per year. Dues for non-licensed Associate members are \$9.00 per year. Regular membership dues are prorated for new members.

Applications for membership may be obtained from club officers, the newsletter editor, or at any RARS meeting.

A Ham's Night Before Christmas

(Yet another corruption of Clement Clarke Moore's classic Christmas tale, this time distorted by Gary Pearce KN4AQ, December 2, 1996.)

'Twas the night before Christmas,
And all through two-meters,
Not a signal was keying up
Any repeaters.

The antennas reached up
From the tower, quite high,
To catch the weak signals
That bounced from the sky.

The children, Tech-Pluses,
Took their HT's to bed,
And dreamed of the day
They'd be Extras, instead.

Mom put on her headphones,
I plugged in the key,
And we tuned 40 meters
For that rare ZK3.

When the meter was pegged
by a signal with power.
It smoked a small diode,
and, I swear, shook the tower.

Mom yanked off her phones,
And with all she could muster
Logged a spot of the signal
On the DX PacketCluster,

While I ran to the window
And peered up at the sky,
To see what could generate
RF that high.

It was way in the distance,
But the moon made it gleam -
A flying sleigh, with an
Eight element beam,

And a little old driver
who looked slightly mean.
So I thought for a moment,
That it might be Wayne Green.

But no, it was Santa,
The Santa of Hams.
On a mission, this Christmas,
To clean up the bands.

He circled the tower,
Then stopped in his track,
And he slid down the coax
Right into the shack.

While Mom and I hid
Behind stacks of CQ,
This Santa of hamming
Knew just what to do.

He cleared off the shack desk
Of paper and parts,
And filled out all my late QSLs
For a start.

He ran copper braid,
Took a steel rod and pounded
It into the earth, till
The station was grounded.

He tightened loose fittings,
Resoldered connections,
Cranked down modulation,
Installed lightning protection.

He neutralized tubes
In my linear amp...
(Never worked right before —
Now it works like a champ).

A new, low-pass filter
Cleaned up the TV.
He corrected the settings
In my TNC.

He repaired the computer
That would not compute,
And he backed up the hard drive
And got it to boot.

Then, he reached really deep
In the bag that he brought,
And he pulled out a big box.
A new rig? I thought!

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EXCITER

President's Corner (Continued from Page 2)...

always found VHF more fun, both SSB and FM/Repeaters. Some of the attraction is that I can talk to the same old bunch of folks all the time. It feels comfortable, and striking up conversations with strangers has always been a chore (I'm useless at parties).

But, the new geegaws and doodads won me over (the 756 has a real-time "band scope" - sort of a spectrum analyzer - and a pretty good review in QST). And I've started working a bit of DX. How 'bout the Czech Republic on 75 meter SSB for

starters? Now I'm checking out fancy logging programs for my computer, and I'd better get some envelopes in to the "buro." Perhaps it's time for a RARS HF net (again) on 10 meters? Anybody interested?

Another RARS Class "Graduates"

I understand that we have another good crop of hams on the way - graduates of the fall RARS class. I had a good time teaching my usual HF and VHF operating classes, and this group was extra eager and interested.

Licenses should be arriving as you read this, so keep an ear out for them. Congratulations to the students, and thanks to the instructors, and Lynn and Alan, for pushing them through.

Auction Thanks

And thanks to Tim W4TIM for organizing the November Auction, featuring auctioneer N4BYO, complete with red vest. Jim did a great job moving equipment off the tables, with the help of Larry KA5MIQ, Wayne KD4SLQ, Mike KE4OQO, and Josh

KF4EAG. The auction was a little different than past years. There was less total "stuff," but more in the way of good, bargain-prices radios and accessories. Of course, some people come looking for the bins of parts and "junkie," - maybe it will be back next year. We had a big, enthusiastic crowd, and it looked like everyone had a good time.

I'm getting geared up for dessert at the December party (I'm always ready for dessert... just ask Cyndi). See you there!

MS-150: From the Bicycle Seat

by Jeff, AC4ZO

No doubt about it: The MS-150 is one of the largest and most exciting public service events that we as hams work each year. Partly because of the size of it; Partly because of the length; And all because of all the excitement that surrounds this event. I'd like to give you a glimpse of what it looks like from the "other side"... the riders point of view.

It all begins by picking up a brochure off the counter of a fast food place, convenience store, or bike shop and mailing the registration form. After a few training rides of forty to sixty miles, the time for the big event quickly approaches.

As the hams are checking out their antennae, batteries, and other equipment, the riders are also checking their bikes. Not only must the bike be in peak condition, but there's tools and supplies, apparel, sunglasses, and helmets and gloves. A problem with any of it could cause a rider not to finish, or at least to have a less than enjoyable ride.

Sooner or later, the fund raising must be done. The riders pay a \$30 registration fee just to sign up for the ride, and then must raise a minimum of \$150 for the MS Society. I'm lucky, I work somewhere that it's easy to break the no-solicitation policy and raise the required funds in a day. Other people have to hit up all their friends and family members. Still others just make the donation themselves.

The next step is rider check-in. Smart riders take advantage of the advanced check-in, held a few days before the ride. I always turn in my money at check-in. It's not required until about a month after the

ride, but if you turn it in at check-in, you're done with the paperwork. Nothing left to do then but ride.

Finally, and with all the preparation complete, its time to set the alarm clock for 5:30a, and get to bed... it's going to be a long weekend.

After what seems to me like a very long night, but seems to Bobbie like a few seconds, the alarm is blaring, and it's time to pop up. Not much need for a shower today, but I take one anyway because the noise helps Bobbie come to life. The firsts days riding clothes are donned, and the bags are chucked in the back of the truck along with the bike, and we're off to the starting point.

Now is when the hams really start getting busy. They start the day with a meeting at around 7:00 where they discuss assignments, frequencies, etc. I listened in a little while munching muffins and bananas and drinking grape juice. Soon, the meeting adjourns, and the hams hit the road. With the hams gone, it's time to focus on riding. This is the time when all the logistical problems and organizational tasks begin to fade into the background. With an hour to go before the official start, the parking lot is ablaze with

brightly colored riding outfits, and fancy bikes. Many people

readies their pedals. At this moment, you can just feel the en-

ergy in the air, and then it happens... the lights atop the police escort vehicle are started, and vehicle begins to move with a parade of bikes behind. This is a sight that I never got to see as a ham, what with being out on the course already. It really is exciting to see.



Cyndi Pearce KD4ACW and Jeff Wittich AC4ZO, in line with more than 500 other cyclists, wait for the starting gun to begin the MS-150. (photo by innocent bystander).

bring out their most exotic rolling stock for the MS-150. There are bikes the likes of which I've never seen before. Some look very expensive and sleek. Some look more practical than elegant. Most look like they can do the job.

I soon locate my riding partner, Cyndi KD4ACW. She's just topping off the air in her tires, and is otherwise ready to get under way. Having checked in early, there is time for a leisurely breakfast before getting in the line for the start, and with about a half hour to go, the line is already forming.

The riders take starting positions based on average speed, with the fastest riders in the front. These are the guys who can average about 20 miles per hour over the entire 75 miles. We got in with the 14 MPH riders. 600 or so bikes are there tire to tire waiting for the police escort to take us out. Soon, a starting official hollers something you can't understand into a megaphone, and everyone

After just a mile of two, the line begins to thin out and move to single file for the most part. The initial energy rush wears off after 15 minutes or so, and there we were, merrily peddling along with "miles to go before we sleep." The cheering from the start line becomes a distant memory, and so does the thick pack of riders. You see, as the ride progresses and the line strings out, you really only see a few bikers in front and behind you. After 20 miles, most of the time you see none.

The rest stops are like an oasis in the desert. Spaced at about 12 miles, they are about an hour apart for most riders. Some riders skip the first rest stop if they're carrying enough water. Cyndi and I stopped at all of them. Each is staffed by volunteers that put out snacks and keep the water jugs filled. Some have medical people and first aid supplies to tend to the riders aches and pains. Some have mechanics to tend to the bike's aches and pains. All have

plenty of smiling faces, and of course a ham radio operator. After filling the water bottles and a short visit with the ham, we soon set to peddling again with the next stop a dozen miles ahead.

As the miles go by, I find myself noticing the vegetation along the road. It changes every few miles, and along with it, changes the sounds coming out of it, as if you are moving from one habitat to another. For a while there will be click beetles and grass dwelling critters, and then there will be frogs and stuff in the more heavily wooded areas. The sound coming out of the vegetation never stops. I guess there are bugs who's job it is to make noise all day. Others probably take over when the sun goes down. Whatever the reason, the sound is entirely different when riding along on the bike, than it is when riding in a vehicle. Many of the sounds are muted a little bit by the rushing of the wind in your ears. Some of the more subtle sounds come as if in a dream.

Occasionally, the urge comes for news of the progress of the event. I carry along an HT for these times. Upon turning it on, I hear that there's a problem with plates at the lunch stop; a medical kit has been lost; somebody wants a SAG to bring

him a banana at a fire station; the mechanic didn't show up; and a rider left his helmet on a brick wall at a rest stop (and is presumably riding without one). I turned the radio back off and listened to the frogs.

As the miles pass, I begin to notice people sitting on porches and blankets in the yard watching the riders go by. In the tiny town of Institute were two women with four children sitting on a blanket near the road cheering the riders as they pass. Later on, there were 3 boys set up near the road with water jugs offering refills to anyone needing them. This is very uplifting for the riders, and there were lots more, but there are the ones that are most memorable.

Late in the afternoon, we saw a sign indicating 1 mile to Fairfield Park, the end of the first days ride. There was a catered spaghetti dinner at the park, and the grassy field began sprouting tents as the sun approached the western horizon. We got in the dinner line immediately.

Many people stay at the park in tents, or on mats in a small gymnasium there. I like the comfort of a local hotel, so that's where I stayed, along with most of the hams. Of course any ham get together involves mass feeding, so we met at the Golden

Corral for a late dinner. That's right... I got dinner twice.

The second day of fun begins with the 5:30a wake-up call. A short ride in Bobbie's pick-up got us to the starting point with plenty of time for a leisurely breakfast, and a good stretch before hitting the road at 7:30.

The second day went much like the first. Hour by hour we worked our way across the flat coastal plane to the beach. Finally, with the computer showing about a mile and a half to go, we crested a small hill and there was... well, it looked like Mt. Everest. The bridge leading onto Emerald Isle. Gosh it was intimidating. Fortunately, a mountain bike has a "granny gear" which made the ascent manageable, even in the strong head wind which plagued the riders for the last 6 or 7 miles of the course. The view from the top of the bridge was spectacular. The ocean in front, wooded mainland behind, and Intercoastal Waterway to the sides. Peering over the edge, flounder were clearly visible on the bottom of the water.

Coming down from the top of the bridge was not as thrilling as the slope promised. With no wind, that slope would cause a bike to coast between 30 and 35 miles per hour, I think,

but the speed attained never even reached 15. I'm glad we didn't have much more of that!

Just past the foot of the bridge was the entrance to the campground, and the finish line. What a welcome sight for a pedal-weary traveler. There were people there to ring bells and cheer, there were people there to present medallions to the finishers, and there was much fanfare all about. Having come this far, feeling the sand beneath the tires was not enough... we were riding to the ocean. The going was slow through the campground, but it was only a few hundred feet to the beach. Cyndi and I stopped when the front wheel hit the water. There were vacationers sunbathing on the beach. We didn't even try to explain ourselves, but Cyndi did take the liberty of asking one of them to snap a picture. I wonder if she got one at the start!

What an event. What a thrill. Already I'm looking forward to next year. I feel a little guilty about not helping the hams with the event, but the MS Society needs riders too. After all, that's where their money comes from.

So would I recommend the event to others? To non-hams, YES! To hams, well... Gary would kill me if I said.



150 miles later, Cyndi and Jeff dip their front wheels in the Atlantic surf at Emerald Isle.

Ham's Night...**Continued from Page 3**

A new Kenwood? An Icom?
A Yaesu, for me?!
(If he thought I'd been bad
it might be QRP!)

Yes! The Ultimate Station!
How could I deserve this?
Could it be all those hours
that I worked Public Service?

He hooked it all up
And in record time, quickly

Worked 100 countries,
All down on 160.

I should have been happy,
It was my call he sent.
But the cards and the postage
Will cost two month's rent!

He made final adjustments,
And left a card by the key:
"To Gary, from Santa Claus.
Seventy-Three."

Then he grabbed his HT,
Looked me straight in the eye,

Punched a code on the pad,
And was gone - no good bye.

I ran back to the station,
And the pile-up was big,
But a card from St. Nick
Would be worth my new rig.

Oh, too late, for his final
came over the air.
It was copied all over.
It was heard everywhere.

The Ham's Santa exclaimed
What a ham might expect,
"Merry Christmas to all,
And to all, good DX."

Sprucing up the Shack

by Jeff, AC4ZO

Several months ago, I told about how those old boxes of QSL cards could be put to use collecting various awards. I focused on the Ten American Districts award. Now, let me tell you of another relatively simple certificate you can get. If you have "Worked All States," you also qualify for: The Great Lakes Award if you have a card from Ontario as well.

A total of nine cards are needed to qualify. They must be from the states and Canadian Provinces surrounding the Lakes. Specifically, they are

Ontario, Michigan, Illinois, Indiana, Wisconsin, Ohio, Pennsylvania, New York, and Minnesota. Contacts must be made after August 31, 1991, and all modes and bands are permitted, however, repeater contacts are not allowed.

The application process is a little more difficult for this one. Applicants must send a SASE for an application and chart. Then return the completed application and chart along with photocopies of the QSL

cards and the fee of \$6. The address is:

MARA/GLA
P.O. Box 670
Comstock Park, MI 49321-0670

I have sent away for the application and chart already. It is probably something that can be photocopied, so check with me before writing yourself. I may be able to provide the necessary forms.

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Meeting Minutes

OCTOBER 1998 BOARD MEETING

by JEFF WITTICH, SECRETARY

The monthly Board meeting of the Raleigh Amateur Radio Society was held at the Forest Hills Baptist Church on October 20. The meeting was called to order by KN4AQ at 7:38p. Members present were: KD4ACW, KN4AQ, KE4FCJ, K4HF, KE4OQO, KO4QH, W4VFJ, and AC4ZO.

The total attendance was 15.

The minutes of the September meeting were reviewed. On motion by W4VFJ, seconded by KE4FCJ, the minutes were approved.

AC4ZO gave the Treasurer's report in the absence of WA4BPJ. He said that the checking account contains \$12,399.08; the savings account stands at \$4,211.85; and the investment account is \$13,710. RARS membership is 201.

KE4FCJ gave the VP report. She said that the RARS Holiday party will take the form of a dessert buffet. Entertainment will be provided by a barbarshop quartet. A visit from Santa is not expected this year. Also, there will be a canned food drive at the December meeting. Participation will be voluntary.

Committee Reports:

KO4QH, reporting on the Education Department announced that the fall classes are progressing well, and in the third week. She said that we have a good group

of students.

KE4FCJ reported on Membership Services. She said that we have a new Librarian. Monica, KF4URE will handle the job.

Israel N4ZVU reported on the Exciter. He gave financial information on the printing and mailing of the October issue.

KD4ACW gave the hamfest committee report. She said that the first meeting has already happened, and was successful. She then described some of the ideas the committee has for increasing attendance. The next meeting is scheduled for Wednesday, October 28 at N4VQN. Meeting time is 7:30p.

K4HF, speaking on behalf of the Nominating Committee said that only two positions remain to identify candidates for, and that the election will be done at the November meeting as usual.

Unfinished Business:

KN4AQ gave the status of the tax-exempt initiative. There has been no change since last month.

New Business:

The issue of the \$15 cap on RARS auction sales came up. An incorrect communication was published stating that the cap was \$10. KN4AQ will send a new com-

munication listing the cap as \$15.

The issue of call signs for ARES use (specifically the state EOC and county EOC) was brought to the table. A motion was made by KE4OQO, seconded by W4VFJ, that RARS apply for two additional call signs, with the intention of later changing them to vanity calls for the EOCs. After discussion, the motion passed by a 4 to 3 vote.

KO4QH is seeking a person to take over the Technician classes. AC4ZO and KN4AQ have shown an interest in taking the job. No formal arrangement was arrived at.

Board member Announcements and Comments:

AB4OZ — Alan is looking for an Aerotron power supply that has been on loan to the club by a member.

W4VFJ — Charlie brought news from the W5YI report concerning license renewal rates.

KN4AQ — Commented on membership trends around renewal time. A long discussion then took place about the role repeaters play within the club. No action was taken by the Board.

On motion by AC4ZO, seconded by KO4QH, the meeting adjourned at 9:25p.

NOVEMBER 1998 GENERAL MEETING

by JEFF WITTICH, SECRETARY

The regular meeting of the Raleigh Amateur Radio Society was held on November 3, 1998 at the Forest Hills Baptist Church on Clark Avenue.

The meeting was called to order at 7:32p by President Gary Pearce, KN4AQ, who welcomed 104 members and 6 guests. He then announced the program for the evening: The Annual Auction.

The annual election was held. President Pearce read the list of nominees: 2 year term as officer: Treasurer - David Fix,

N4YTO; 1 year term as Board Member: Education Director - Lynn Pitegoff, KO4QH; Exciter Editor - Israel Pattison, N4ZVU; FM Chairman - Bernard Blackmon, KC4UPX; Webmaster - Tim Nicholson, KF4RTX; At Large Directors - Wilbur Goss, WD4RDT and Alan Pitegoff, AB4OZ; ARRL Liason - Chuck Littlewood, K4HF; W4DW/W4RNC Trustee - Mike Murphy, WA4BPJ; Membership Services Chair, KE4FCJ; Net Manager, KE4OQO.

On motion by AC4ZO,

second by WA9NEW, nominations were closed. On motion by WA9NEW, second by KE4OQO, the President instructed the Secretary to cast a unanimous ballot for the nominees as presented.

KN4AQ introduced Scott Kieger from T-rific designs, who sells logo apparel, and is taking orders for RARS logo stuff for delivery in time for Christmas.

Woody, KJ4SO announced a change in the ATV Association meeting schedule. Their meeting is being moved to the fourth Thursday of each

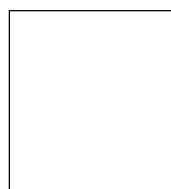
month, beginning in January. The only remaining meeting this year is scheduled for the first Thursday in December. The meeting place will remain the Old Country Buffet on Glenwood Ave.

KN4AQ reminded the assembly that RARS still conducts nightly nets on 146.64.

Gary introduced Tim, W4TIM, the coordinator of the annual auction.

There were no door prizes awarded at this meeting.

The meeting adjourned at 9:03p



Amateur Radio -- A National Resource
Raleigh Amateur Radio Society, Inc.
P.O. Box 17124
Raleigh, NC 27619

DECEMBER 1998 CALENDAR OF EVENTS

	1 RARS Holiday Party, Forest Hills Baptist, 7:30pm	2	3	4 ARRL 160-m Contest	5 ARRL 160m, Int'l EME contests; Hist. Electronics Special Event	6 ARRL 160m, Int'l EME contests
7	8	9	10	11	12 Union, SC Hamfest ARRL 10m contest Bethlehem, PA Special Event	13 ARRL 160m, Int'l EME contests
14 SWL/Scanner SIG, El Rodeo, 6:30pm	15 ** NO RARS BOARD MTG**	16	17	18	19 Winter Solstice Special Event	20
21	22 ** NO CRYSTALS MTG**	23	24 N1CC Special Event	25 N1CC Special Event	26	27 RAC Canada Winter Contest
28	29	30	31 First Night Special Event		Morristown, TN Hamfest	ARRL RTTY Roundup